

Abstract

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The present invention relates to five-layered pigments based on multi-coated platelet-shaped substrates which comprise a layer sequence comprising

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(A) a layer of SnO_2 having a layer thickness of 0.1-50 nm,

(B) a high-refractive-index coating consisting of TiO_2 in the rutile modification having a layer thickness of 10-800 nm,

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(C) a colorless coating having a refractive index $n \leq 1.8$ having a layer thickness of 20-800 nm,

(D) a high-refractive-index coating consisting of SnO_2 having a layer thickness of 0.1-50 nm,

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(E) a layer of TiO_2 in the rutile modification having a layer thickness of 10-800 nm,

and optionally

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(F) an outer protective layer,

and to the use thereof in paints, coatings, powder coatings, printing inks, security printing inks, plastics, ceramic materials, glasses, as dopants for the laser marking of papers and plastics, in cosmetic formulations and for the preparation of pigment preparations and dry preparations.

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